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Subject: Shiloh Church Road Site - Unified Command Update
Attachments: Area-29-P#2.jpg; Property1-buried-batteries.jpg; Property3-battery-debris.jpg; Segments-in-Pile1-west.jpg

Good Afternoon Unified Command Partners,

Here's an update of EPA activities at the Shiloh Church Road Site

Property #1

1. All areas which originally contained RCRA Hazardous Waste (lead, cadmium) and or PCB Remediation Waste (PCB concentrations > 50 mg/kg) were excavated and soil was disposed. However, results from post-excavation samples in all of these areas indicate high levels of lead and/or PCBs are still present. Therefore, EPA's contractors have begun further vertical excavation, down below 2 feet in some areas. Backfilling of these areas will be necessary due to the increased depth.
2. EPA completed this deeper excavation on the south side of Property #1. Post-excavation sampling for PCBs was completed on the southeast end, and results are pending.
3. The soil contained on the west end of the south gate contained both RCRA and PCB waste and has been excavated into two segments for treatment (photo attached).
4. Significant quantities of buried batteries are still being discovered. Approximately one cubic yard of battery debris was retrieved this week from Property #1 alone. An example of this debris is attached.

Property #2

1. EPA excavated PCB-contaminated soil along the north end of Property #2. Six truckloads (approx. 138 tons) of soil were transported offsite this week to Michigan for disposal.
2. Excavation began in a debris area near the east end of Property #2. This has been named "Area 29" because the original sample from the assessment report was SS-29. This area contains debris similar to that found on Property #1.

Property #3

1. Since the last update, battery debris was retrieved from 9 separate piles on Property #3. Contaminated soil has not yet been excavated. Please see photo above of battery debris pile on Property #3. EPA's contractor requested bids to dispose of this debris. However, the initial awardee was disqualified. The next qualified bidder visited the Site to collect samples of this waste. The vendor will arrange for analysis to determine if they can accept this waste.

Drinking Water Samples

1. Due to COVID-19, no residential samples were collected this year. Over the past several weeks, EPA reached out to the six residences who have water treatment systems. Samples were collected from four properties; one declined, and EPA did not receive a response from the remaining resident. Results are pending.

Additional Notes

1. Special thanks for Ray Earp from VDEM who arranged to have a VDEM UAS operator fly a drone over Property #3 to determine if any additional battery debris piles were present. This is a very large area which cannot effectively be assessed on foot. VDEM's assistance was outstanding. Thanks Ray!!
2. The crew is demobilizing for Thanksgiving week. Operations will resume on December 1. The property owners have been notified. I will be in the Richmond area and can respond to any needs or concerns at the Site next week.
3. I will be on "staycation" during the week of 11/30-11/4. EPA OSC Don McLaughlin will be covering the Site. Please reach out to me with any questions or concerns.

Best wishes for a safe and enjoyable Thanksgiving!
Chris

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